S-E-C-R-E-T

IBSEC-CSS-M-8
11 March 1969

COMPUTER SECURITY SUBCOMMITTEE

OF THE

UNITED STATES INTELLIGENCE BOARD

SECURITY COMMITTEE

Minutes of Meeting
Held at CIA Headquarters
Langley, Virginia
11 March 1969

1. The eighth meeting of the Computer Security Subcommittee of the USIB Security Committee was held on 11 March 1969 between 1330 and 1445 hours in Room 4E-64, CIA Headquarters Building. In attendance were:

STAT

Mr. Thomas A. Eccleston, Army Member
Mr. Robert C. Allen, Navy Member
Lt. Col. Charles V. Burns, Air Force Member

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Mr. Donald R. Roderick, FBI Member

STAT

Lt. Col. William D. Marsland, Jr., JCS/JCCRG, Observer

STAT

Mr. Carl R. Lambert, Navy
Mr. William S. Donaldson, Air Force
Mr. Jack T. Peacock, Air Force

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Mr. Conrad S. Banner, FBI

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Group 1
Excluded from automatic
downgrading and
declassification

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2. <u>Approval of Minutes</u>: The minutes of the 4 February 1969 meeting were approved as written.

3. <u>Briefing on DIA ANSRS Project and Security Plan</u>:
_____-MS/5 with the assistance of _____   STAT
_____ provided an extensive briefing on the DIA Analyst   STAT
Support and Research System (ANSRS), accenting the security
plan for this system recently approved and promulgated.

4. _____ pointed out that the system has been in   STAT
operation since September 1968. Its software is adapted from the
Dartmouth-GE Time-Sharing Executive. The computer is located
in _____   25X1
_____ and   25X1
_____ There are currently 22 terminals on the   25X1
system; it is projected that by the end of FY 1970 there will be
about 69 remote terminals. To date, the system has not operated
at the compartmented level, but effective 12 March it will include
SI material. The next step in the implementation of the system is
the introduction of GECOS III, which will permit inter-activity
between the Batch Monitor and the Time-Sharing System Monitor.

5. _____ reviewed the various elements of the   STAT
ANSRS Security Plan. Among the aspects of this plan are the
following items:

(a) From a physical security standpoint, the
system is protected at the SI level.

(b) All personnel accessing the system are cleared
and indoctrinated for SI; their need-to-know is verified by
cognizant offices of primary interest.

(c) From a technical standpoint the Executive software
has certain protective characteristics including memory
compartmentation and boundary protection. A positive
system of user identification and authentication is utilized.

(d) Into the software of the system is built a
"subverter" program, which is constantly attempting to
penetrate the system while it is in operation.

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(e) Output is automatically marked with appropriate classification and special handling caveats; it is also identified by the account number of the user.

6. Subsequent to the briefing, [ ] pointed out that anyone wishing a copy of the DIA ANSRS Security Plan recently approved and disseminated may have one for the asking. The Chairman advised that anyone wishing such a copy let him know and copies will be distributed. The Chairman expressed his appreciation to [ ] for an excellent presentation.

7. <u>Computer Security Briefing by</u> [ ] The Chairman announced that [ ] NSA, had advised that [ ] [ ] Chairman of the Defense Science Board Computer Security Task Force, was giving a briefing on computer security at the NSA Auditorium, Ft. Meade, at 1330 hours on 12 March. Members were advised that anyone wishing to attend should contact [ ] to make the necessary arrangements.

8. <u>JCCRG Status Report:</u> Col. Marsland was scheduled to provide at the instant meeting a status report on the activities of the Security Panel of the Joint Command and Control and Intelligence Co-Location Study Group. This briefing was postponed until the next Subcommittee meeting. However, Col. Marsland distributed copies of draft papers outlining general security guidelines for the operation of resource-sharing computer systems processing classified material produced by this Security Panel. Col. Marsland asked Members to familiarize themselves with these papers which will serve to make Col. Marsland's status report briefing more meaningful.

9. The remainder of the agenda was postponed until the next meeting, because the conference room was scheduled for another purpose. The next meeting is scheduled for Tuesday, 25 March 1969 at 1330 hours in Room 4F-31, CIA Headquarters Building. The Agenda is attached.
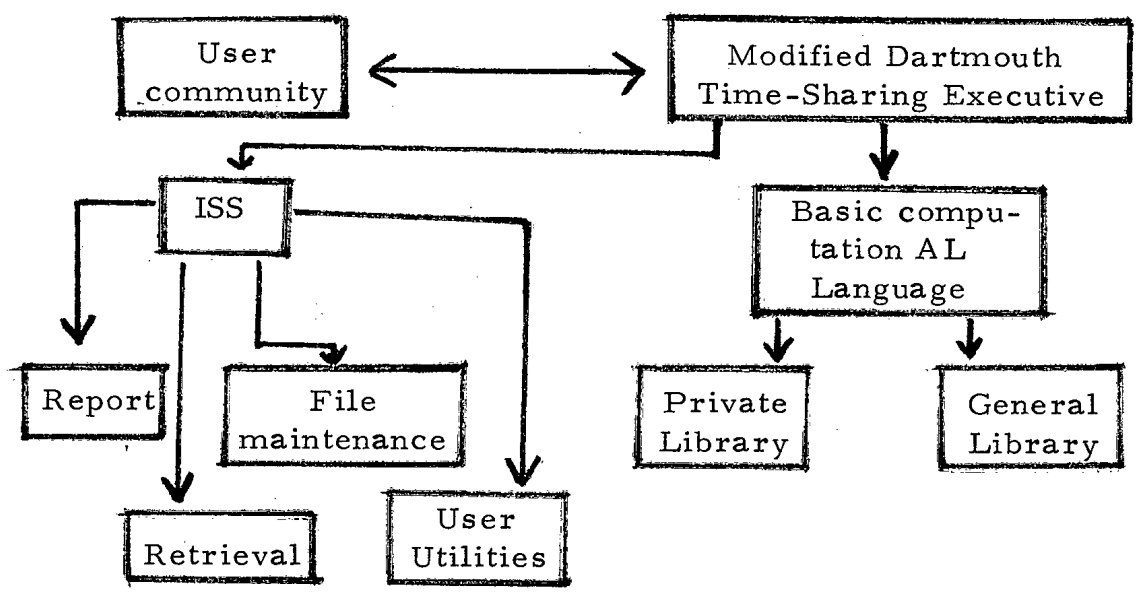
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Chairman
Computer Security Subcommittee

Attachment

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ANSRS Software

Present Configuration

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┌──────────────┐                          ┌────────────────────────┐
│     User     │ ◄──────────────────────► │  Modified Dartmouth    │
│  community   │                          │ Time-Sharing Executive │
└──────────────┘                          └────────────────────────┘
        │                                            │
        ▼                                            ▼
     ┌───────┐                              ┌──────────────────┐
     │  ISS  │                              │  Basic compu-    │
     └───────┘                              │   tation AL      │
                                            │   Language       │
                                            └──────────────────┘
   ┌────────┐   ┌─────────────┐          ┌──────────┐   ┌──────────┐
   │ Report │   │    File     │          │ Private  │   │ General  │
   └────────┘   │ maintenance │          │ Library  │   │ Library  │
                └─────────────┘          └──────────┘   └──────────┘
   ┌───────────┐   ┌───────────┐
   │ Retrieval │   │   User    │
   └───────────┘   │ Utilities │
                   └───────────┘
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- -

Planned Configuration

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┌──────────────┐                          ┌──────────────┐
│     User     │ ◄──────────────────────► │  GECOS III   │
│  community   │                          └──────────────┘
└──────────────┘                                 │
        │                                         ▼
    ┌─────────┐                              ┌─────────┐
    │  Batch  │                              │   TSS   │
    │ monitor │                              │ monitor │
    └─────────┘                              └─────────┘
 ┌────────┐   ┌────────┐      ┌──────┐  ┌───────┐  ┌──────────┐  ┌─────────┐
 │ Local  │   │ Remote │      │ ISS  │  │ Basic │  │ Fortran  │  │  Text   │
 │ Batch  │   │ Batch  │      └──────┘  └───────┘  └──────────┘  │ Editor  │
 └────────┘   └────────┘                                         └─────────┘
 ┌──────────┐  ┌────────┐  ┌────────┐  ┌──────┐
 │ FORTRAN  │  │ COBOL  │  │ GMAP   │  │ IDS  │
 └──────────┘  └────────┘  └────────┘  └──────┘
 ┌──────┐      ┌────────┐  ┌─────────┐
 │ ISS  │      │ ALGOL  │  │ JOVIAL  │
 └──────┘      └────────┘  └─────────┘
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